

METHOD AND SYSTEM FOR INCORPORATING AN EMISSION SENSOR  
INTO A GAS TURBINE CONTROLLER

ABSTRACT OF THE DISCLOSURE

A method for determining an estimated operating parameter for a gas turbine including the steps of: determining an estimated operating parameter using an algorithm have an input from a sensor, wherein the algorithm includes a trim factor; determining a first trim factor based on a comparison of the first estimated operating parameter and the output of the sensor when a condition of the sensor is in a first mode, and during a subsequent determination of the estimated operating parameter, applying the first trim factor to subsequently determine the estimated operating condition if the condition of second sensor is in a second mode.